

ABSTRACT OF THE DISCLOSURE

An indoor air quality module includes an ultraviolet light source located between two titanium dioxide coated honeycombs. Photons of ultraviolet light are absorbed by the titanium dioxide coating to form reactive hydroxyl radicals that attack and oxidize contaminants in the to water, carbon dioxide, and other substances. An outer compartment is attached to an air duct and an HVAC unit, and a pivotally attached inner compartment supports the honeycombs and the ultraviolet light source. A first end of the inner compartment is pivotally attached to the outer component, and an opposing second end is removably attached to the outer compartment by fasteners. When servicing is required, the fasteners are removed to allow the inner compartment to pivot relative to the outer compartment to a vertical service position to allow access to the components in the inner compartment.

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